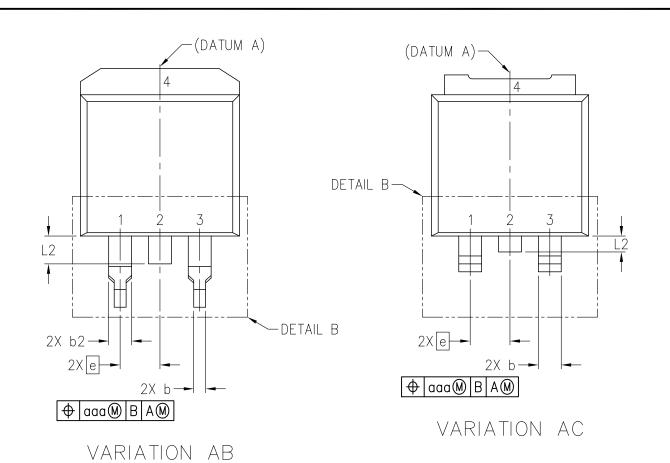
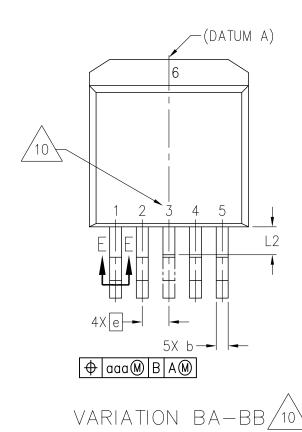


SECTION C-C, D-D, E-E

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TITLE PLASTIC	PACKAGE DESIGNATOR	NUMBER	ISSUE	DATE	SHEET
SURFACE MOUNTED HEADER FAMILY	H-PSIP-G	TO-263	F 20. 2:46 a	SEP 2013	1 OF 12

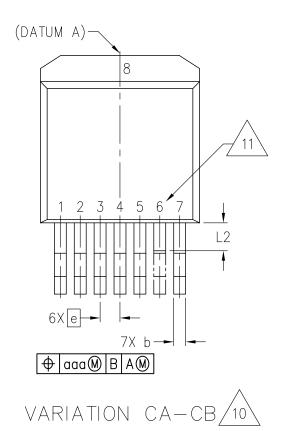




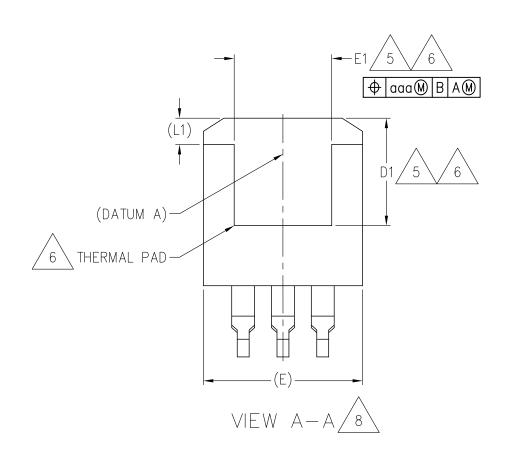
TITLE

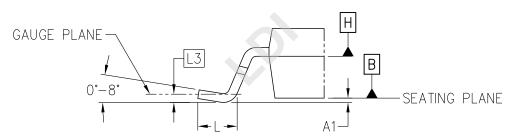
JEDEC SOLID STATE PRODUCT OUTLINE

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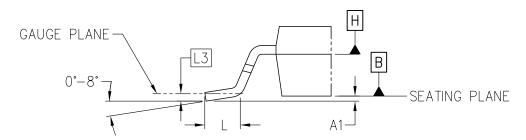


PLASTIC NUMBER ISSUE DATE SHEET
SURFACE MOUNTED HEADER FAMILY TO-263 F SEP 2013 2 OF 12









DETAIL C
OPTIONAL TIP LEADFORM 9
ROTATED 90° CW

JEDEC SOLID STATE
PRODUCT OUTLINE
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TITLE	PLASTIC
	SURFACE MOUNTED
	HEADER FAMILY

NUMBER	
TO_263	)

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SHEET

TABLE 1

			VAR	IATIONS (	ALL DIM	IENSION	S SHOW	N IN INC	HES)			
SYMBOL		AA		NOTES		AB		NOTES		AC		NOTES
SIMBUL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES
А	0.160	-	0.190		0.160	ı	0.190		0.050	ı	0.080	
A1	0.000	_	0.010		0.000	_	0.010		0.000	-	0.010	
b	0.020	-	0.039		0.020	-	0.039		0.045	ı	0.064	
b1	0.020	ı	0.035		0.020	ı	0.035		0.045	ı	0.060	
b2	0.045	ı	0.070		0.045	1	0.070		ı	1	_	
b3	0.045	_	0.068		0.045	_	0.068		-	-	_	
С	0.015	_	0.029		0.015	-	0.029		0.011		0.025	
c1	0.015	-	0.023		0.015	ı	0.023		0.011	ı	0.019	
c2	0.045	ı	0.065		0.045	1	0.065		1	1	_	
D	0.330	_	0.380	4	0.330	-	0.380	4	0.320	1	0.370	4
D1	0.270	_	_	5,6,8	0.270	-	_	5,6,8	0.250		_	5,6
Е	0.380	_	0.420	4,5	0.380	-	0.420	4,5	0.375	-	0.415	4
E1	0.245	_	-	5,6,8	0.245	_	_	5,6,8	0.315	-	_	5,6
е	0.	.100 BS	SC .		0	.100 BS	iC		0.100 BSC		SC SC	
Н	0.575	_	0.625		0.575	-	0.625		0.470	ı	0.520	
L	0.070	_	0.110		0.070	-	0.110		0.040	-	0.080	
L1	1	_	0.066	5	-	-	0.066	5	1	-	0.050	
L2	1	_	_		_	_	0.070		ı	1	0.040	
L3	0	.010 BS	SC .		0	.010 BS	iC		0	.010 BS	SC	
N		4			3			7		3		
aaa		0.010			0.010					0.010		
NOTES	1,2,9				1,2,9				1,2,9			
REF	10-42	.4			10-42	24			10-45	2		
ISSUE	D				D	F						

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 2

			VAR	IATIONS (	ALL DIM	IENSION	S SHOW	'N IN INCI	HES)			
SYMBOL		ВА		NOTES		AA-1		NOTES		AB-1		NOTES
3 TWIDOL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES
Α	0.160	ı	0.190		0.160	ı	0.190		0.160	ı	0.190	
A1	0.000	-	0.010		0.000	_	0.010		0.000	-	0.010	
b	0.020	_	0.039		0.020	_	0.039		0.020	_	0.039	
b1	0.020	-	0.035		0.020	_	0.035		0.020	-	0.035	
b2	_	ı	_		0.045	ı	0.070		0.045	ı	0.070	
b3	-	1	_		0.045	1	0.068		0.045	1	0.068	
С	0.015	I	0.029		0.015	ı	0.029		0.015	I	0.029	
c1	0.015	ı	0.023		0.015	1	0.023		0.015	ı	0.023	
c2	0.045	ı	0.065		0.015	-	0.065		0.015	ı	0.065	
D	0.330	ı	0.380	4	0.330	ı	0.380	4	0.330	ı	0.380	4
D1	0.270	I	_	5,6,8	0.270	1	_	5,6,8	0.270	ı		5,6,8
E	0.380	ı	0.420	4,5	0.380	-	0.420	4,5	0.380	1	0.420	4,5
E1	0.245	ı	_	5,6,8	0.245	1	_	5,6,8	0.245	1	-	5,6,8
е	0.	.067 BS	SC .		0	.100 BS	iC		0.100 BSC			
Τ	0.575	I	0.625		0.575	-	0.625		0.575	I	0.625	
L	0.070	ı	0.110		0.070	(	0.110		0.070	ı	0.110	
L1	_	ı	0.066	5	-	_	0.066	5	_	ı	0.066	5
L2	_	-	_		_	_	_		_	-	0.070	
L3	0	.010 BS	iC .		0	.010 BS	iC .		0	.010 BS	SC .	
N		6				4				3		7
aaa		0.010			0.010					0.010		
NOTES	1,2,9				1,2,9				1,2,9			
REF	1,2,9	) <i>A</i>			1,2,9	7			1,2,9	7		
		.4				.J			10-44 E	ر.		
ISSUE	D E								L L			

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 3

			VAR	IATIONS (	ALL DIM	IENSION	S SHOW	N IN INC	HES)			
SYMBOL		BA-1		NOTES		BB		NOTES		CA		NOTES
3 TWIDOL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES
Α	0.160	ı	0.190		0.160	ı	0.190		0.160	ı	0.190	
A1	0.000	I	0.010		0.000	1	0.010		0.000	1	0.010	
b	0.020	I	0.039		0.020	I	0.039		0.020	ı	0.036	
b1	0.020	ı	0.035		0.020	ı	0.035		0.020	ı	0.032	
b2	-	ı	_		1	ı	ı		ı	1	-	
b3	_	_	_		_	_	_		1	-	-	
С	0.015		0.029		0.015	ı	0.029		0.015		0.029	
c1	0.015	ı	0.023		0.015	ı	0.023		0.015	ı	0.023	
c2	0.015	ı	0.065		0.045	1	0.065		0.045	-	0.065	
D	0.330	_	0.380	4	0.330	_	0.380	4	0.330	-	0.380	4
D1	0.270	_	_	5,6,8	0.270	_	-	5,6,8	0.270	_	_	5,6,8
Е	0.380	_	0.420	4,5	0.380	_	0.420	4,5	0.380	_	0.420	4,5
E1	0.245	_	_	5,6,8	0.245	_	_	5,6,8	0.245	-	_	5,6,8
е	0.	.067 BS	SC .		0.	.067 BS	SC .		0.050 BSC			
Н	0.575	ı	0.625		0.575	-	0.625		0.575	ı	0.625	
L	0.070	-	0.110		0.070	-	0.110		0.070	-	0.110	
L1	-	ı	0.066	5	-	_	0.066	5	1	-	0.066	5
L2	-	ı	_		-	-	0.070		ı	1	1	
L3	0.	.010 BS	SC .		0	.010 BS	С		0	.010 BS	SC OS	
Ν		6			5			10		8		
aaa		0.010				0.010				0.010		
NOTES	1,2,9				1,2,9				1,2,9			
REF	10-44	-3			10-42	:4			10-424			
ISSUE	E				D				D			

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 4

TABLE .		ATIONS	(ALL DII	MENSIONS	SHOWN	I IN INC	HES)		
CYMPOL		СВ		NOTES		BB-1		NOTES	
SYMBOL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	
Α	0.160	1	0.190		0.160	1	0.190		
A1	0.000	ı	0.010		0.000	ı	0.010		
b	0.020	ı	0.036		0.020	ı	0.039		
b1	0.020	ı	0.032		0.020	ı	0.035		
b2	ı	ı	_		_	ı	_		
b3	1	ı	_		_	1	1		
С	0.015	I	0.029		0.015	1	0.029		
c1	0.015	ı	0.023		0.015	ı	0.023		
c2	0.045	ı	0.065		0.015	ı	0.065		
D	0.330	ı	0.380	4	0.330	ı	0.380	4	
D1	0.270	l	_	5,6,8	0.270	1	ı	5,6,8	
E	0.380	ı	0.420	4,5	0.380	1	0.420	4,5	
E1	0.245	1	_	5,6,8	0.245	1	1	5,6,8	
е	0.	.050 BS	SC .		0.				
Н	0.575	I	0.625		0.575	ı	0.625		
L	0.070	1	0.110		0.070	1	0.110		
L1	-	1	0.066	5	_	1	0.066	5	
L2	-	ı	0.070		_	1	0.070		
L3	0	.010 BS	iC .		0	.010 BS	C		
N		7		11		5		10	
aaa		0.010				0.010			
NOTES	1,2,9				1,2,9				
REF	10-42	.4			10-443				
ISSUE	D				E				

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 5

			VARIAT	IONS (AL	L DIMEN	ISIONS	SHOWN	IN MILLIM	ETERS)			
SYMBOL		AA		NOTES		AB		NOTES		AC		NOTES
SIMBUL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NO1E2
Α	4.065	-	4.825		4.065	_	4.825		1.270	-	2.030	
A1	0.000	-	0.255		0.000	_	0.255		0.000	-	0.255	
b	0.508	-	0.991		0.508	_	0.991		1.143	_	1.626	
b1	0.508	-	0.889		0.508	_	0.889		1.143	_	1.524	
b2	1.143	_	1.778		1.143	_	1.778		_	_	_	
b3	1.143	-	1.727		1.143	-	1.727		_	-	_	
С	0.381	-	0.737		0.381	_	0.737		0.279	_	0.635	
c1	0.381	-	0.584		0.381	_	0.584		0.279	_	0.483	
c2	1.143	-	1.651		1.143	-	1.651		_	-	_	
D	8.380	-	9.650	4	8.380	-	9.650	4	8.130	-	9.400	4
D1	6.860	-	_	5,6,8	6.860	-	_	5,6,8	6.350	-	_	5,6
E	9.650	-	10.670	4,5	9.650	_	10.670	4,5	9.525	_	10.540	4
E1	6.225	_	_	5,6,8	6.225	_	_	5,6,8	8.000	_	_	5,6
е	2	.540 BS	SC SC		2	.540 BS	SC SC		2.540 BSC			
Н	14.605	_	15.875		14.605	-	15.875		11.940	_	13.210	
L	1.780	-	2.795		1.780	-	2.795		1.015	-	2.030	
L1	_	-	1.676	5	- (	-	1.676	5	_	-	1.270	
L2	_	-	_		_	_	1.780		_	-	1.015	
L3	0	.255 BS	SC SC		0.	.255 BS	SC OS		0.	.255 BS	SC	
N		4				3		7		3		
aaa		0.254				0.254				0.254		
	1.00				1.00							
NOTES	1,2,9				1,2,9			1,2,9				
REF	10-42	24			10-424			10-452				
ISSUE	D				D			F				

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 6

			VARIAT	IONS (AL	L DIMEN	ISIONS	SHOWN	IN MILLIM	ETERS)			
SYMBOL		ВА		NOTES		AA-1		NOTES		AB-1		NOTES
SIMBUL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NO1E2
Α	4.065	_	4.825		4.065	1	4.825		4.065	-	4.825	
A1	0.000	1	0.255		0.000	1	0.255		0.000	_	0.255	
b	0.508	1	0.991		0.508	I	0.991		0.508	_	0.991	
b1	0.508	-	0.889		0.508	ı	0.889		0.508	_	0.889	
b2	-	-	-		1.143	1	1.778		1.143	-	1.778	
b3	-	-	-		1.143	1	1.727		1.143	-	1.727	
С	0.381	-	0.737		0.381		0.737		0.381	_	0.737	
c1	0.381	-	0.584		0.381	ı	0.584		0.381	_	0.584	
c2	1.143	1	1.651		0.381	1	1.651		0.381	-	1.651	
D	8.380	1	9.650	4	8.380	1	9.650	4	8.380	_	9.650	4
D1	6.860	-	_	5,6,8	6.860	ı	_	5,6,8	6.860	_		5,6,8
Е	9.650	-	10.670	4,5	9.650	-	10.670	4,5	9.650	-	10.670	4,5
E1	6.225	-	_	5,6,8	6.225	_	_	5,6,8	6.225	_	_	5,6,8
е	1.	.702 BS	SC SC		2.540 BSC			2.540 BSC		OS		
Н	14.605	-	15.875		14.605	-	15.875		14.605	_	15.875	
L	1.780	-	2.795		1.780		2.795		1.780	_	2.795	
L1	_	_	1.676	5	-	_	1.676	5	_	_	1.676	5
L2	_	_	_		_	-	-		-	_	1.780	
L3	0.	.255 BS	SC SC		0.	.255 BS	SC O		0.	.255 BS	SC	
N		6				4				3		7
aaa		0.254				0.254				0.254		
NOTEC	1.0.0				1.0.0				1.0.0			
NOTES	1,2,9					1,2,9			1,2,9	7		
REF	10-42	<u>.</u> 4			10-44	.ა			10-44	. <u>J</u>		
ISSUE	D				E			E				

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 7

			VARIAT	IONS (AL	L DIMEN	ISIONS	SHOWN	IN MILLIM	ETERS)			
SYMBOL		BA-1		NOTES		BB		NOTES		CA		NOTES
SIMBUL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES
Α	4.065	-	4.825		4.065	-	4.825		4.065	-	4.825	
A1	0.000	-	0.255		0.000	_	0.255		0.000	-	0.255	
b	0.508	-	0.991		0.508	-	0.991		0.508	_	0.914	
b1	0.508	_	0.889		0.508	_	0.889		0.508	-	0.813	
b2	_	-	_		-	-	_		-	-	_	
b3	_	-	_		_	-	_		-	-	_	
С	0.381	-	0.737		0.381	_	0.737		0.381	-	0.737	
c1	0.381	-	0.584		0.381	_	0.584		0.381	-	0.584	
c2	0.381	-	1.651		1.143	_	1.651		1.143	-	1.651	
D	8.380	-	9.650	4	8.380	-	9.650	4	8.380	-	9.650	4
D1	6.860	-	_	5,6,8	6.860	-	_	5,6,8	6.860	-	_	5,6,8
E	9.650	-	10.670	4,5	9.650	-	10.670	4,5	9.650	-	10.670	4,5
E1	6.225	_	_	5,6,8	6.225	-	_	5,6,8	6.225	-	_	5,6,8
е	1.	702 BS	SC SC		1.	1.702 BSC			1.270 BSC		SC SC	
Н	14.605	-	15.875		14.605	-	15.875		14.605	-	15.875	
L	1.780	-	2.795		1.780		2.795		1.780	-	2.795	
L1	_	-	1.676	5	- (	-	1.676	5	-	-	1.676	5
L2	_	-	_		-	_	1.780		-	-	_	
L3	0.	.255 BS	SC SC		0.	.255 BS	SC SC		0.	.255 BS	SC SC	
N		6				5		10		8		
aaa		0.254				0.254				0.254		· ·
NOTES	1,2,9				1,2,9			1,2,9				
REF	10-44	-3			10-42	:4			10-42	.4		
ISSUE	E				D				D			

JEDEC SOLID STATE 1	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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TABLE 8

	VARIATI	ONS (A	LL DIME	NSIONS S	II NWOH	V MILLIN	METERS)	
CVADOL		СВ		NOTES		BB-1		NOTEC
SYMBOL	MIN	NOM	MAX	NOTES	MIN	NOM	MAX	NOTES
Α	4.065	_	4.825		4.065	-	4.825	
A1	0.000	_	0.255		0.000	_	0.255	
b	0.508	_	0.914		0.508		0.991	
b1	0.508	_	0.813		0.508	ı	0.889	
b2	_	_	-		_	1	_	
b3	_	-	1		-	1	_	
С	0.381	_	0.737		0.381	ı	0.737	
c1	0.381	_	0.584		0.381	ı	0.584	
c2	1.143	1	1.651		0.381	1	1.651	
D	8.380	_	9.650	4	8.380	_	9.650	4
D1	6.860	_	-	5,6,8	6.860	ı	_	5,6,8
E	9.650	_	10.670	4,5	9.650	_	10.670	4,5
E1	6.225	_	_	5,6,8	6.225	_	_	5,6,8
е	1.	270 BS	C		1.			
Н	14.605	_	15.875		14.605	ı	15.875	
L	1.780	_	2.795		1.780	1	2.795	
L1	_	1	1.676	5	-	1	1.676	5
L2	-	1	1.780		-	1	1.780	
L3	0.	.255 BS	SC SC		0.	.255 BS	SC SC	
N		7		11		5		10
aaa		0.254				0.254		
NOTES	1,2,9				1,2,9			
REF	10-42	4			10-443			
ISSUE	D	D			E			

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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## NOTES:

- 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009.
- 2. DIMENSIONS IN INCHES AND MILLIMETERS.



CHAMFER OPTIONAL.



DIMENSION D & E DO NOT INCLUDE MOLD FLASH, MOLD FLASH SHALL NOT EXCEED 0.005 INCH PER SIDE. THESE DIMENSIONS ARE MEASURED AT THE OUTERMOST EXTREME OF THE PLASTIC BODY AT DATUM H.



THERMAL PAD CONTOUR OPTIONAL WITHIN DIMENSIONS E & L1.& D1 & E1.



DIMENSIONS D1 & E1 ESTABLISH A MINIMUM MOUNTING SURFACE FOR THE THERMAL PAD.



CENTER LEAD REMOVED IN VARIATION AB AND AC.



VIEW AA THERMAL PAD DIMENSIONS APPLY TO ALL VARIATIONS, 3 LEAD VARIATION SHOWN FOR REFERENCE ONLY.



VIEW C TIP LEADFORM DIMENSIONS APPLY TO ALL VARIATIONS.



PACKAGE VARIATION BB IS A 5 LEAD VERSION OF THE 6 LEAD VARIATION BA WHERE LEAD #3 HAS BEEN REMOVED FROM THE 6 LEA BA VARIATION.



PACKAGE VARIATION CB IS A 7 LEAD VERSION OF THE 8 LEAD VARIATION CA WHERE LEAD #6 HAS BEEN REMOVED FROM THE 8 LEAD CA VARIATION.

TITLE

SEP 2013

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## CHANGE RECORD

IF THE CHANGE INVOLVES ANY WORDS ADDED OR DELETED (EXCLUDING DELETION OF ACCIDENTALLY REPEATED WORDS), THE CHANGE IS TO BE INCLUDED BELOW. PUNCTUATION CHANGES MAY OR MAY NOT BE INCLUDED.

INITIAL ISSUE: A	DATE: -	ITEM NUMBER: —
CHANGE RECORD HISTORY	<i>(</i> :	
		T
ISSUE: E	DATE: JULY 2007	ITEM NUMBER: 10-443
LOCATION	OLIANOED EDOM	OLIANOED TO
LOCATION	CHANGED FROM:	CHANGED TO:
PAGE 5	ADDED PAGE	ADDED VARIATIONS AA-1, AB-1, BA-1
PAGE 5	c2 MIN VALUE TO 0.045	c2 MIN VALUE TO 0.015
PAGE 7	ADDED PAGE	ADDED VARIATION BB-1
PAGE 7	c2 MIN VALUE TO 0.045	c2 MIN VALUE TO 0.015
PAGE 1	PACKAGE DESIGNATOR R-PSFM-F	PACKAGE DESIGNATOR R-PSFN
ISSUE: F	DATE: SEPTEMBER 2013	ITEM NUMBER: 10-452
LOCATION	CHANGED FROM:	CHANGED TO:
ALL SHEETS		NEWEST JEDEC MO TEMPLATE
ALL SHEETS	MISSING LEADING ZERO (e.g000)	ADDED LEADING ZERO (e.g. 0.000)
SHEET 2	VARIATIONS DWG	ADDED VARIATION AC
SHEET 4	ADDED SHEET	ADDED VARIATION AC
SHEETS 9 - 11	ADDED SHEETS	ADDED DIMENSION TABLES IN MILLIMETERS
SHEET 12, NOTE 2	DIMENSIONS ARE IN INCHES	ADDED IN MILLIMETERS
SHEET 12, NOTE 7	CENTER LEAD REMOVED IN VARIATION AB	ADDED VARIATION AC

JEDEC SOLID STATE	TITLE PLASTIC	NUMBER	ISSUE	DATE	SHEET
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